

Updating Select PHIN Requirements for Key Public Health Events

“Anthrax Scenario”



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Agenda

- Introductions
- Purpose
- The Role of PHIN
- Today's Approach
- Logistics
- Scenario Walkthrough
- Breakouts
- Present Breakout Results
- Wrap-up



Introductions



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Purpose

- To better understand your emergency response processes
 - Identify the people involved in dealing with an event
 - Find out what information and data they need
 - Determine when they need it
 - Identify how they get it
- Develop IT Systems to support these processes



The Role of PHIN

- Information facilitates better decisions
- PHIN provides critical data and information
 - Based on industry standards
 - Common data formats
 - Standardized vocabulary
 - Secure
 - Highly available



Today's Approach

- Validate existing draft requirements
- Add to the requirements
- List any issues with them



Logistics

- Scenario walkthrough
- Break into small groups
 - Identify a representative to present when we regroup
 - Choose someone to record the items identified
 - Make sure you record all items
 - Prioritize your Top 5 items to present back to the group
- Present small group results



Scenario Walkthrough



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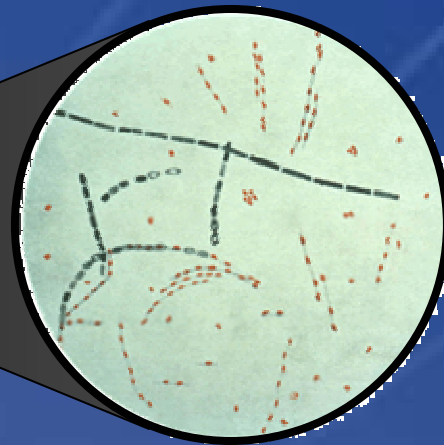


Anthrax Release

- Local Law enforcement receives a tip about missing anthrax
- Building maintenance worker releases aerosolized anthrax spores



Eagle Plaza



Cases Emerge

- Two days later, people start arriving at various clinical sites complaining of flu-like symptoms.



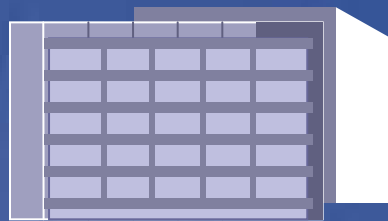
Seeking an Explanation

- Patients are experiencing chest pain and respiratory distress
- Talk of “spring flu” occurs among the healthcare community
- Five days after the release, a person shows the symptoms of anthrax
 - growth of gram-positive rods
 - widened mediastinum
- Tests confirm the suspicion

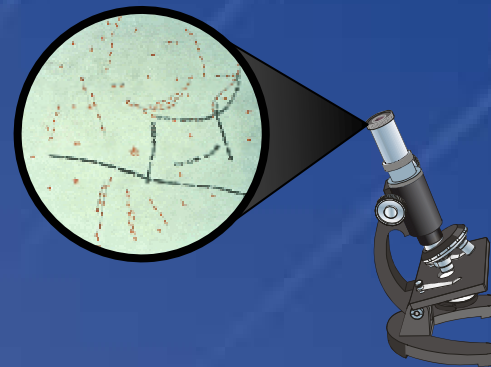


Confirmation Testing

- Samples are sent to CDC and elsewhere to confirm *Bacillus anthracis*

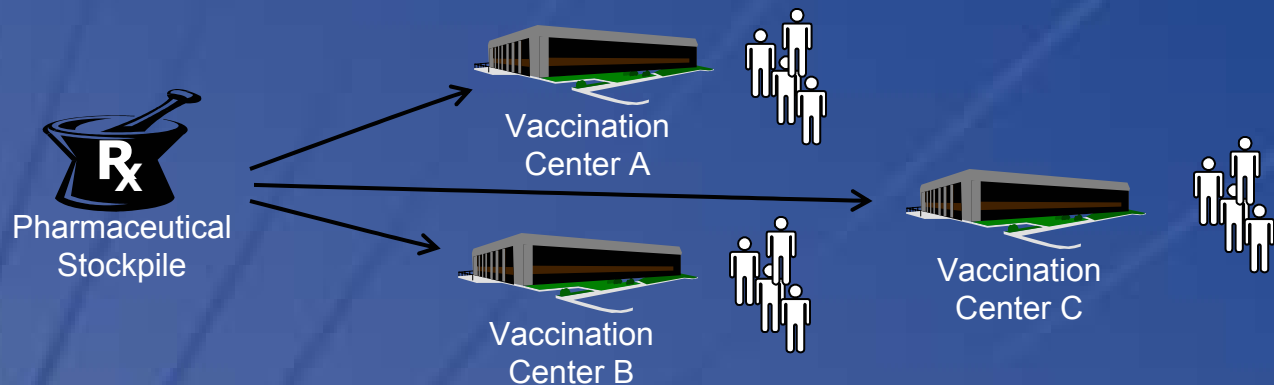


CDC



Treatment and Prophylaxis

- Emergency supplies are ordered from the Strategic National Stockpile (SNS)
- Patients are treated
- Candidates for prophylaxis are identified
- Distribution sites are established



Cleanup

- Eight days later, a pattern is finally found
- Eagle Plaza is closed
- Hundreds of other samples are taken from around the city



Eagle Plaza



Breakouts

- Use requirement IDs from your printed materials (e.g., PR32) when commenting about existing requirements
- Points to ponder
 - How was the response conducted and coordinated?
 - What parties were involved and needed to share data?
 - How was IT used to facilitate surveillance activities and the epidemiologic investigation?
 - How could IT be used to help facilitate the process in the future?



Break out!



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Requirements

- PR: 1, 2, (10-12), 14, 15, 17, 18, (19-22), (24-30), 33, (34-38), 41, 42, (47-53), 61



Regroup and Present



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Acknowledgements

- Subject Matter Experts for helping with the sessions
- Dr. Seth Foldy for contributing the scenario



Wrap-up

- Q & A
- Feedback forms
 - Back of the room
 - Information desk
- Session evaluation forms
 - Back of the room

